|    | L<br>Number | Hits  | Search Text  | DB                 | Time stamp                       |
|----|-------------|-------|--|--------------------|----------------------------------|
|    | 1           | 1     | ("6380709").PN.  | USPAT;             | 2003/06/02                       |
|    | 2           | 3     | ("5519601"   "5780986"   "5869946").PN.  | US-PGPUB<br>USPAT  | 09:01<br>2003/06/02              |
|    | 3           | 18671 | (pwm (pulse adj2 width adj2 modulation))   | USPAT              | 09:36<br>  2003/06/02<br>  09:39 |
|    | 4           | 83    | ((pwm (pulse adj2 width adj2<br>modulation))) and ((driven "on") adj3  | USPAT              | 2003/06/02                       |
|    | 5           | 6     | <pre>winding) (((pwm (pulse adj2 width adj2 modulation))) and ((driven "on") adj3 winding)) and ((avoid prevent\$3) adj5</pre>   | USPAT              | 2003/06/02<br>09:43              |
|    | 6           | 317   | saturation) ((pwm (pulse adj2 width adj2 modulation))) and ((avoid prevent\$3) adj4  | USPAT              | 2003/06/02<br>09:44              |
|    | 7           | 12    | <pre>saturation) (((pwm (pulse adj2 width adj2 modulation))) and ((avoid prevent\$3) adj4 saturation)) and (motor adj3 winding)</pre>  | USPAT              | 2003/06/02<br>09:44              |
|    | 8           |       | ((pwm (pulse adj2 width adj2<br>modulation))) and (((avoid prevent\$3)<br>adj4 saturation) adj3_transistor)  | USPAT              | 2003/06/02                       |
| 97 | 9           | 22    | ((((pwm (pulse adj2 width adj2<br>modulation))) and ((avoid prevent\$3) adj4<br>saturation)) and (motor adj3 winding))<br>(((pwm (pulse adj2 width adj2  | USPAT              | 2003/06/02<br>09:47              |
|    | 10          | 532   | <pre>modulation))) and (((avoid prevent\$3) adj4 saturation) adj3 transistor)) 318/599.ccls.</pre>   | HCDAM              | 2002/06/02                       |
| -  |             |       |  | USPAT              | 2003/06/02<br>09:47              |
|    | 11          | 605   | 318/811.ccls.  | USPAT              | 2003/06/02<br>09:47              |
|    | 12          | 80    | 318/811.ccls. and saturation   | USPAT              | 2003/06/02                       |
|    | 13          | 1     | (318/811.ccls. and saturation) and (duty adj2 factor)  | USPAT              | 2003/06/02                       |
|    | 14          | 1     | (318/811.ccls. and saturation) and (duty adj2 factor)  | USPAT;<br>US-PGPUB | 2003/06/02<br>09:48              |
|    | 15          | 77    | (318/811.ccls. and saturation) not ((((pwm (pulse adj2 width adj2 modulation))) and ((avoid prevent\$3) adj4 saturation)) and (motor adj3 winding)) (((pwm (pulse adj2 width adj2 modulation))) and (((avoid prevent\$3) adj4 saturation) adj3 transistor)))   | USPAT              | 2003/06/02<br>10:00              |
|    | 16          | 6     | <pre>(prevent adj2 saturation) and   ((318/811.ccls. and saturation) not   (((((pwm (pulse adj2 width adj2   modulation))) and ((avoid prevent\$3) adj4   saturation)) and (motor adj3 winding))   (((pwm (pulse adj2 width adj2   modulation))) and (((avoid prevent\$3)   adj4 saturation) adj3 transistor))))</pre> | USPAT              | 2003/06/02<br>10:03              |
|    | 17          | 1004  | ((pwm (pulse adj2 width adj2 modulation))) and (phase adj2 detect\$3)  | USPAT              | 2003/06/02<br>10:04              |
|    | 18          | 11    | (((pwm (pulse adj2 width adj2 modulation))) and (phase adj2 detect\$3)) and ((saturation overload) adj4 transistor)  | USPAT              | 2003/06/02<br>10:06              |
|    | 19          | 7     | 318/599.ccls. and (saturation adj4 transistor)   | USPAT              | 2003/06/02<br>10:09              |
|    | 20          | 5     | 318/811.ccls. and (saturation adj4 transistor)   | USPAT              | 2003/06/02<br>10:07              |
|    | 21          | 10    | (318/599.ccls. and (saturation adj4 transistor)) (318/811.ccls. and  | USPAT              | 2003/06/02<br>10:07              |
|    | 22          | 127   | (saturation adj4 transistor)) (318/599.ccls. 318/811.ccls.) and (saturation)   | USPAT              | 2003/06/02<br>10:09              |

| 23  | 117  |  | USPAT              | 2003/06/02   |
|-----|------|--|--------------------|--------------|
|     |      | (saturation)) not ((318/599.ccls. and  |                    | 10:16        |
|     |      | (saturation adj4 transistor))  |                    |              |
|     |      | (318/811.ccls. and (saturation adj4  |                    |              |
|     |      | transistor)))  |                    |              |
| 24  | 2259 | 318/254.ccls.  | USPAT              | 2003/06/02   |
| 1   |      |  |                    | 10:16        |
| 25  | 533  | 318/254.ccls. and pwm  | USPAT              | 2003/06/02   |
|     |      |  |                    | 10:16        |
| 26  | 0    | (318/254.ccls. and pwm) and (prevent\$3  | USPAT              | 2003/06/02   |
|     |      | adj3 saturation adj4 (transistor   |                    | 10:18        |
|     |      | switch\$3))  |                    | (            |
| 27  | 10   | (318/254.ccls. and pwm) and (saturation  | USPAT              | 2003/06/02   |
|     |      | adj4 (transistor switch\$3))   |                    | 10:20        |
| 28  | 21   | 318/254.ccls. and (duty adj2 factor)   | USPAT              | 2003/06/02   |
|     |      |  |                    | 10:23        |
| 29  | 501  | motor and pwm and (phase adj2 detect\$3)   | USPAT              | 2003/06/02   |
|     |      |  |                    | 10:24        |
| 30  | 67   | (motor and pwm and (phase adj2 detect\$3))   | USPAT              | 2003/06/02   |
|     |      | and saturation   |                    | 10:25        |
| 31  | 57   | ((motor and pwm and (phase adj2  | USPAT              | 2003/06/02   |
|     |      | detect\$3)) and saturation) not  |                    | 10:30        |
|     |      | (((318/599.ccls. 318/811.ccls.) and  |                    |              |
|     |      | (saturation)) not-((318/599.ccls- and  |                    | <del></del>  |
|     |      | (saturation adj4 transistor))  |                    |              |
|     |      | (318/811.ccls. and (saturation adj4  |                    |              |
|     |      | transistor))))   |                    | 0000 (05 (00 |
| 32  | 2    | (("6563203") or ("6111372")).PN.   | USPAT;             | 2003/06/02   |
|     |      |  | US-PGPUB           | 10:31        |
| 33  | 0    | ((("6563203") or ("6111372")).PN.) and   | USPAT;             | 2003/06/02   |
|     |      | saturation   | US-PGPUB           | 10:32        |
| 34  | 51   | 318/254.ccls. and (transistor adj3   | USPAT;             | 2003/06/02   |
| 25  | 10   | saturat\$3)  | US-PGPUB           | 10:33        |
| 35  | 49   | (318/254.ccls. and (transistor adj3  | USPAT;             | 2003/06/02   |
|     |      | saturat\$3)) not (((motor and pwm and  | US-PGPUB           | 10:37        |
|     |      | (phase adj2 detect\$3)) and saturation)  |                    |              |
|     |      | not (((318/599.ccls. 318/811.ccls.) and  |                    |              |
|     |      | (saturation)) not ((318/599.ccls. and  |                    |              |
|     |      | (saturation adj4 transistor))  |                    |              |
|     |      | (318/811.ccls. and (saturation adj4  |                    |              |
| 126 | 226  | transistor)))))  | USPAT;             | 2003/06/02   |
| 36  | 236  | motor and pwm and (driven adj3 (phase winding))  | USPAT,<br>US-PGPUB | 10:39        |
| 37  | 7    | 1  | USPAT;             | 2003/06/02   |
| 3 / | ·    | <pre>  (motor and pwm and (driven adj3 (phase<br/>  winding))) and ((overload saturat\$3) adj4</pre> | US-PGPUB           | 10:42        |
|     |      | (switch\$3 transistor))  | 03-16100           | 10.47        |
| 38  | 45   | carobolante.in.  | USPAT;             | 2003/06/02   |
| 30  | "3   | Calobotance.in.  | US-PGPUB           | 10:43        |
| 39  | 36   | carobolante.in. and motor  | USPAT;             | 2003/06/02   |
| 39  | 36   | Calobolance.in. and motor  | US-PGPUB           | 10:43        |
| 40  | 35   | (carobolante.in. and motor) not  | USPAT;             | 2003/06/02   |
| ا ت | 33   | (5869946.pn.)  | US-PGPUB           | 10:43        |
| 41  | 8    | ((carobolante.in. and motor) not   | USPAT;             | 2003/06/02   |
| 4,1 | •    | (5869946.pn.)) and saturation  | US-PGPUB           | 10:48        |
| 42  | 9    | ("4337423"   "4527102"   "4827207"   | USPAT              | 2003/06/02   |
| 34  |      | "4912393"   "4922131"   "5204594"  | JULIA              | 10:46        |
|     |      | "5220207"   "5306988"   "5455885").PN.   |                    | 10.70        |
| 43  | 61   | (motor and pwm and (prevent adj3   | USPAT;             | 2003/06/02   |
| 33  | 61   | saturat\$3))   | US-PGPUB           | 10:49        |
| 44  | 61   | ((motor and pwm and (prevent adj3  | USPAT;             | 2003/06/02   |
| ""  |      | saturat\$3))) not ((carobolante.in. and  | US-PGPUB           | 10:50        |
|     |      | motor) not (5869946.pn.))  | 05-19100           | 10.50        |
|     | L    | mocor, nor (2003340.bit.))   | 1                  | l            |